



## Arizona Department of Weights and Measures *Vapor Recovery Alert No. 3*

**March 12, 2005**

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The Department of Weights and Measures is issuing this *Vapor Recovery Alert* to inform the Registered Service Agency (RSA) community that the Department has made a determination with regards to one component of the vapor recovery equipment allowed to be installed on a vapor recovery system. The Department has reviewed the use of a coaxial rubber hose to make the connection between the dispenser and the riser. The Department has determined that in the interest of safety and to comply with statute, CARB executive orders, and the Department's regulations, the use of a rubber coaxial hose to connect from the dispenser to the riser will no longer be acceptable **beginning March 12, 2005**. A.R.S. §41-2132(D)(1) requires that a system operate to meet the requirements. G70-153-AD and G-70-150-AD, CARB executive orders call for this connection to be made by "flexible or rigid material.". The term flexible material is not specified as to what CARB means by type of material. The system is designed that in the event of the dispenser being knocked over that the shear valve would close and the system would be isolated. The use of the coaxial rubber hose could cause the shear valve not to operate as designed and the rubber hose simply being pulled off of it connection. Therefore, the Department is requiring that the flexible piping allowed for in the CARB executive orders be steel braided flexible piping. The Department is allowing 12 months from the compliant annual test date to make these changes from the existing coaxial rubber hose piping. As RSRs make their routine repairs to the vapor recovery system, they should make sure these changes to the piping are made. Tests will not be canceled as a result of this determination. It will, however, be noted on the inspector's report and at the next annual inspection of that station the piping must be in compliance or the station will be considered out of compliance.